Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 23 Aug 2023 until 23:59 on Thursday 24 Aug 2023

Forecast Issued on Tuesday 22 Aug 2023 at 15:55

Confidence: High confidence for the main story, with a cool showery theme developing on Thursday but low confidence with regards to their intensity and distribution

Headline for Wednesday 23 Aug 2023: Patchy low cloud followed by sunny spells. Largely dry.

Mountain weather hazards on Wednesday 23 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
10%	20%	30%	20%	30%	20%	10%	20%

Forecast for Wednesday 23 Aug 2023

Weather: A dry start to the day with patches of low cloud, mostly in the west whereas it'll be largely sunny in the east. Some fair weather cloud will bubble up, allowing a few light showers to develop the end of the morning. However sunny spells will tend to prevail in the afternoon and it'll remain largely dry. Some cloudy conditions will eventually spread in from the west later, perhaps thick enough to produce a few outbreaks of light rain during the evening.

Chance of cloud-free hill tops above 600m: 40% in the west at first, increasing to 90% by late morning. 60% in the east at first, increasing to 95% or more by late morning.

Low Cloud and visibility: Poor or very poor in the west initially with patches of low cloud as low as 400m, perhaps 300m briefly and accompanied by drizzle. The cloud will slowly lift above summits, the visibility becoming good or very good with distant hills clearly visible. Moderate in any light rain later.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 23 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 SW	10/16 SW	10/15 SW	14/20 W	16/22 SW	15/22 SW	10/15 SW	8/13 S	9/15 S
300	8/17 SW	6/15 W	5/13 W	10/19 SW	12/21 SW	11/20 SW	6/11 SW	3/9 S	4/11 S
Valley	6/15 SW	3/11 SW	2/10 SW	7/14 SW	10/19 SW	9/17 SW	4/9 SW	2/7 SE	4/9 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	12/10	11/9	12/10	13/10	14/11	12/11	12/11	12/10
300	14/13	13/13	13/13	15/14	17/14	17/15	15/14	14/13	14/13
Valley	15/15	14/14	14/14	16/16	18/16	18/16	16/16	15/15	15/15
Freezing Level*	2300m	2200m	2100m	2100m	2200m	2500m	2800m	2900m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A bit breezy at height but still a pleasant walk in the hills. Not too warm or too windy. UV levels will be moderate in sunnier spells, so sun protection is recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 22 Aug 2023	5.4mm	5.4mm	5.6mm

Forecast for Thursday 24 Aug 2023

Weather: A dull and cloudy morning with outbreaks of rain and drizzle, perhaps briefly heavy around dawn. However, any rain and drizzle will clear east during the morning, giving way to brighter conditions and quite possibly sunny spells in the afternoon. Feeling cooler than previous days.

Maximum wind: Southwest 15mph with gusts 20mph.

Chance of cloud-free hill tops above 600m: 10-20% early morning, but increasing to 90% in the afternoon.

Low Cloud and visibility: Banks of low cloud are expected to lie across the Dales on Thursday morning, with cloud as low as 300m, perhaps lower in the far west and in any drizzly outbreaks. There is low confidence about the clearance time, the cloud perhaps hanging around through the morning whilst giving poor to very poor visibilities. Becoming generally good to very good in the afternoon.

Temperature: **Valleys:** Plus 13 Celsius becoming plus 19 Celsius.
At 600m: Plus 14 Celsius.
Freezing level: Above summits.

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